

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XPV

(Call Sign)

0223-EX-CN-2016

(File Number)

NAME ViaSat, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(h) of the Commission's Rules

Station Locations

(1) Duluth (GWINNETT), GA - NL 33-57-48; WL 84-06-51

Frequency Information

Duluth (GWINNETT), GA - NL 33-57-48; WL 84-06-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
18000-21200 MHz	FX	NON	242.66 mW (ERP)	1.0E-6 %
25500-26500 MHz	FX	NON	242.66 mW (ERP)	1.0E-6 %

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) ViaSat, Inc coordinate with Fixed Microwave licensees prior to operation on 18000-21200 MHz bands.

This authorization effective January 09, 2017 and
will expire 3:00 A.M. EST January 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior to operating, ViaSat, Inc., must notify licensees of earth stations operating in the band 18-20.2 GHz within 15 kilometers of the locations from which experimental operations will occur. ViaSat, Inc. must also provide such notification to the National Spectrum Managers Association frequency coordinators by email. (see http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, eirp density) and day and times of each test. Consult the IBFS database to identify licensed earth station above 18 – 20.2 GHz band.